

The diagram illustrates a system architecture for monitoring and controlling a network of mobile stations. It is divided into two main functional blocks, 32 and 36, which are connected to a Central Facility 46.

Block 36 (Top): This block contains a Receiver (RCVR) 34, a Measurement unit 48, a Memory (MEM) 44, and a Modem 53. Source 1 is connected to the RCVR 34. The RCVR 34 is also connected to a switch 50, which routes signals to the Measurement unit 48. The Measurement unit 48 is connected to the MEM 44. The MEM 44 is connected to the Modem 53. A clock 38 is also connected to the MEM 44. A signal 52 is shown entering the block from the right.

Block 32 (Bottom): This block contains multiple Tuners (Tuner 1, Tuner 2, ..., Tuner N) and Measurement units (Measurement 1, Measurement 2, ..., Measurement N). Sources 2, ..., N are connected to their respective Tuners. Each Tuner is connected to its corresponding Measurement unit. The Measurement units are connected to a central processing unit 52, which is also connected to a Memory 44. A signal 48 is shown entering the block from the right.

Central Facility 46: This block receives data from the MEM 44 in block 36 and the Memory 44 in block 32. It is connected to a signal 54, which is also connected to the MEM 44 in block 36.

FIG. 2

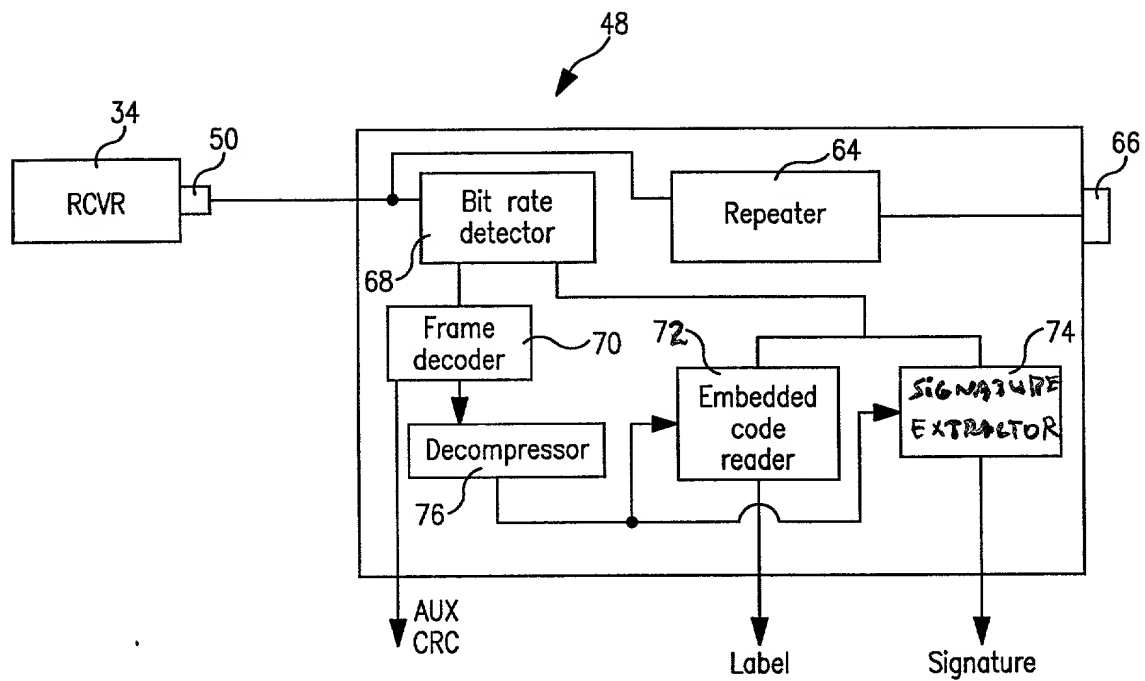


FIG. 3

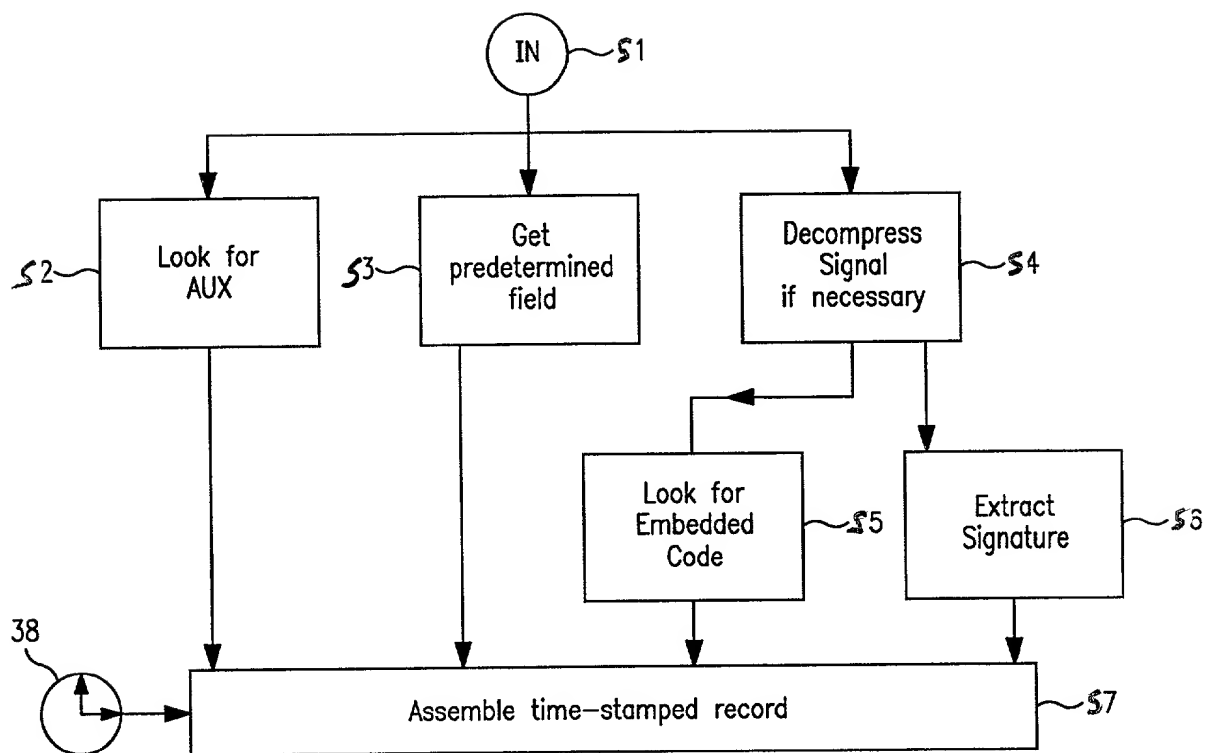


FIG. 4